

WF 6 NFF**Weidmüller Interface GmbH & Co. KG**

Klingenbergstraße 26

D-32758 Detmold

Germany

www.weidmueller.com

Product image

The comprehensive range of stud terminals ensures secure connections for all power transmission applications. Connections range from 10 mm² to 300 mm². The connectors are attached to the threaded pins using crimped cable lugs and each connection is secured by tightening the hexagon nut. Stud terminals with threaded pins from M5 to M16 can be used according to the wire cross-section.

General ordering data

| | |
|------------|--|
| Version | Bolt-type screw terminals, Feed-through terminal, Rated cross-section: 35 mm ² , Threaded stud connection |
| Order No. | 1969000000 |
| Type | WF 6 NFF |
| GTIN (EAN) | 4032248726608 |
| Qty. | 25 pc(s). |

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Catalogue status 23.09.2022 / We reserve the right to make technical changes.

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Technical data

Dimensions and weights

| | | | |
|------------|---------|-----------------|------------|
| Depth | 54.5 mm | Depth (inches) | 2.146 inch |
| Height | 67 mm | Height (inches) | 2.638 inch |
| Width | 17.8 mm | Width (inches) | 0.701 inch |
| Net weight | 29.76 g | | |

Temperatures

| | | | |
|----------------------------------|----------------|----------------------------------|--------|
| Storage temperature | -25 °C...55 °C | Continuous operating temp., min. | -50 °C |
| Continuous operating temp., max. | 120 °C | | |

Material data

| | | | |
|---------------------------|-------|--------|------------|
| Material | Wemid | Colour | dark beige |
| UL 94 flammability rating | V-0 | | |

System specifications

| | | | |
|-----------------------------------|-----------------------|-------------------------------------|----|
| Version | Single-stud terminals | End cover plate required | No |
| Number of levels | 1 | Number of clamping points per level | 1 |
| Levels cross-connected internally | No | PE connection | No |
| Rail | TS 35 | | |

Additional technical data

| | | | |
|--------------------------|------|-----------------------------|---------|
| Explosion-tested version | No | Number of similar terminals | 1 |
| Open sides | Open | Type of mounting | Snap-on |

Conductors for clamping (rated connection)

| | | | |
|-------------------------|--------------------------|--------------------------------|------------------------|
| Cable lug to DIN 46234 | 2.5...35 mm ² | Cable lug to DIN 46235 | 6...35 mm ² |
| Clamping range, max. | 35 mm ² | Clamping range, min. | 2.5 mm ² |
| Number of connections | 1 | Stud size for spade connection | M 6 |
| Tightening torque, max. | 7 Nm | Tightening torque, min. | 5.8 Nm |
| Type of connection | Threaded stud connection | | |

Dimensions

| | |
|--------------|---------|
| TS 35 offset | 31.5 mm |
|--------------|---------|

General

| | |
|------|-------|
| Rail | TS 35 |
|------|-------|

Rating data

| | | | |
|--|--------------------|---|---------|
| Rated cross-section | 35 mm ² | Rated voltage | 1,000 V |
| Rated DC voltage | 1,000 V DC | Voltage with epoxy resin partition plate | 2,300 V |
| Rated current | 125 A | Current at maximum wires | 125 A |
| Volume resistance according to IEC 60947-7-x | 0.26 mΩ | Rated impulse withstand voltage | 8 kV |
| Impulse voltage with epoxy resin partition plate | 12 kV | Power loss in accordance with IEC 60947-7-x | 4 W |
| Pollution severity | 3 | | |

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Classifications

| | | | |
|-------------|-------------|-------------|-------------|
| ETIM 6.0 | EC000897 | ETIM 7.0 | EC000897 |
| ETIM 8.0 | EC000897 | ECLASS 9.0 | 27-14-11-20 |
| ECLASS 9.1 | 27-14-11-20 | ECLASS 10.0 | 27-14-11-20 |
| ECLASS 11.0 | 27-14-11-20 | ECLASS 12.0 | 27-14-11-20 |

Approvals

Approvals



ROHS Conform

Downloads

| | |
|---|---|
| Approval/Certificate/Document of Conformity | EAC certificate CE Declaration of Conformity CE Declaration of Conformity all terminals |
| Engineering Data | CAD data – STEP |
| Engineering Data | EPLAN, WSCAD |
| User Documentation | StorageConditionsTerminalBlocks |
| Catalogues | Catalogues in PDF-format |
| Brochures | |

Data sheet

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Drawings

